

Hazard Analysis Samples for Dairy Cattle Feed Mill

Product: Ingredients with Selenium over 600 ppm

Ingredient/ Processing Step	Identify Hazards	Rank Severity Of Illness Or Injury To Animals	Rank Probability The Hazard Will Occur In Animals	Rank Severity Of Illness Or Injury To Humans	Rank Probability The Hazard Will Occur In Humans	Is A Preventive Control Needed?	Justification For Ranking	What Control Measures Are In Place To Address The Hazard?
Receiving, Bagged Ingredients	Biological No significant risk							
Location: 1 C	Chemical Incorrect or hazardous selenium concentrati on in finished feed.	High (1)	Low (C)	High (1)	Low (C)	1-C: No	<p>Severity: Selenium toxicity or deficiency can lead to loss of production, illness or death. <i>“Overview of Selenium Toxicosis” (2014) Merck Veterinary Manual.</i></p> <p>Animal acts as a filter; there is a low risk of selenium toxicosis in human food derived from animals with toxic selenium levels.</p> <p>Personal Hygiene practices and PPE reduce the risk of employee exposure to Selenium.</p> <p>Probability: Procedures are followed to ensure the appropriate amount of selenium is added to the feed and are in accordance with California Code of</p>	<p>Approved Supplier List</p> <p>Incoming Certificate of Analysis</p> <p>Bag Ingredient Receiving</p> <p>Concentrated Ingredient/ Drug Room (includes daily reconciliation of inventory)</p> <p>Concentrated Ingredients/Medicated Hand-Adds and Cleanout</p> <p>Mixer Efficiency Results</p> <p>Clean Out Procedures</p> <p>Bulk and Sacked Feed Ingredient Storage</p> <p>Formulation</p>

NOTE: SAFE guidance materials are provided for educational purposes only and do not guarantee adequacy of procedures or compliance with regulations.

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							Regulations 2676 (c) and 2697 (d). Feeds are formulated by a nutritionist and ensure the concentration in the ration do not exceed 0.3 ppm. Mixer efficiency tests performed and clean-out procedures are followed.	Production Records (Significant Discrepancies) Labeling Quality Control and Laboratory Analysis Personnel and Supervision
	Physical No significant risk							

Related Resources:

[Hazard Analysis Rubric](#)

[Hazard Analysis Template](#)

[Hazard Analysis Template Explanation](#)

See [SAFE Prerequisite Programs Guidance](#) to view the sample prerequisite programs listed in this example under “What Control Measure Are in Place to Address the Hazard?”